

PROTECTING STUDENTS, SHIELDING SCHOOLS.

Check Point Harmony for Education makes online learning safe and compliant



Check Point for Education - Solution Overview:

Product Benefits

- Provides safe online environment for students and faculty, on and off campus
- Ensures cybersecurity and compliance assurance for schools
- Allows simple deployment on school-provided devices

Product Highlights

- URL Filtering: Monitors and controls browsing activity
- Safe-search enforcement: Block explicit search results
- Anti-phishing: Protects students personal information
- Threat Extraction: Assures delivery of risk-free files
- Credential re-use prevention: Prevents use of school domain credentials on untrusted websites
- Compliance: Helps comply with CIPA and other regulations
- Deployment: Various deployment options to meet the needs of different facets of education
- Visibility: Leverages Check Point's best-in-class monitoring and reporting
- Unified, cloud-managed solution through Check Point's Infinity Next Portal.

THE DIGITAL AGE SPURS INNOVATION AND RISKS

The digital information age combined with regulatory compliance has impacted virtually all aspects of modern life, including how we educate our children. Digitally connected classrooms, student issued connected devices, and remote e-learning are giving teachers the flexibility to blend traditional teaching practices with vast online resources while swiftly adapting to current world challenges. While the digital transformation of education has dawned a new era of digitized learning resources, it has also opened the door to student privacy and online safety compliance mandates that educators have an obligation to adhere to.

Students are benefitting from a hybrid instruction model by absorbing knowledge from textbooks and authorized websites, apps, learning games, and more. According to federal and local government requirements, educators have the responsibility to keep students safe online. Sadly, many educators are using outdated and insufficient technologies that lack the ability to properly secure students against the latest sophisticated cyber threats, often targeting students to harvest their personal information, browsing habits, and more.

While embracing online technology in schools has opened the doors to abundant sources of educational tools, it has also significantly increased student risk through:

- Uncontrolled exposure to harmful and inappropriate website content
- Phishing websites collecting student's personal information
- Advanced cyber-threats targeting student's personal information as well as disrupting the education process



Figure 1. Notification of blocked access

What's more, the cyber world has pushed many children to grow up quickly. Studies indicate [90%](#) of children ages 8-16 have viewed online pornography and [54%](#) of teens have witnessed online bullying, causing significant psychological and emotional stress. To help promote safe use of the internet in schools, laws such as the Children's Internet Protection Act (CIPA), Family Educational Rights and Privacy Act (FERPA), Student Online Personal Protection Act (SOPPA) and others have been adopted. To remain compliant it is essential for schools to adopt innovative new solutions to help protect children and schools from online abuse.

INTRODUCING CHECK POINT HARMONY FOR EDUCATION

Check Point Harmony for Education is a modern threat prevention solution with integrated web filtering, anti-phishing, and data privacy capabilities. Check Point's solution does not collect any student names or related information and is fully

SOPPA compliant. Check Point is focused on threat prevention and privacy enforcement to facilitate meeting compliance mandates and keeping students' online experience safe and regulated.

Now is the time to leverage Check Point's proven, end user threat prevention and web content filtering technologies in a solution priced and marketed for educational facilities. Through this unified technology, the power is in your hands to secure online privacy and restrict access to websites that violate compliance mandates.

Safe online environment for learners, on and off campus

Check Point Harmony for Education monitors and controls browsing activity by using advanced, dynamic, and highly accurate URL filtering capabilities with granular whitelisting and blacklisting capabilities. It blocks explicit search results by enforcing safe-search capabilities in Google, Yahoo, Bing and YouTube, and can block access to other search engines.

Check Point protects students by using real-time dynamic analysis and advanced heuristics to identify and prevent access to new and unknown phishing sites that target personal information through web browsers as well as protecting user identity through credential reuse protection.

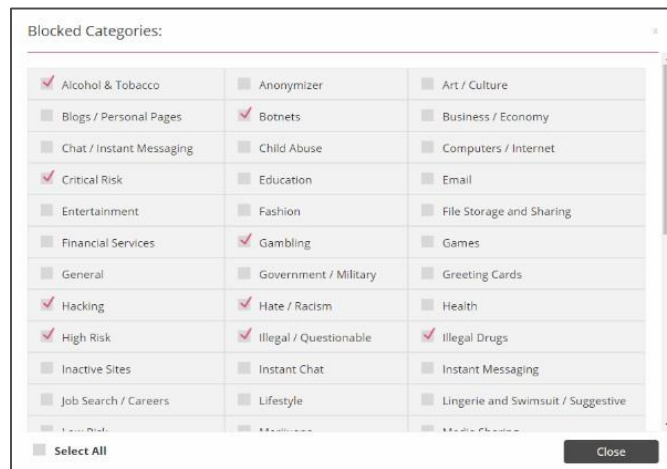


Figure 2. Restrict Access by Category type

Easy and flexible cybersecurity policies

Beyond web filtering, Check Point Harmony for Education provides uncompromised protection and simplicity for everyone. It protects devices and Internet connections from the most sophisticated attacks while ensuring Zero-Trust access to educational resources.

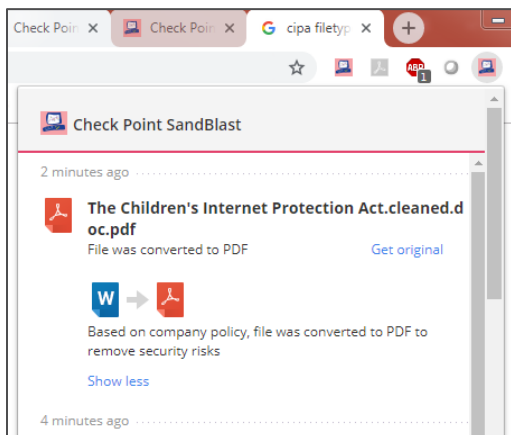


Figure 3. Malicious content removed automatically

Cybersecurity and compliance assurance

Check Point Harmony for Education delivers risk-free files through content disarm and reconstruction by removing potentially malicious content from downloaded documents, or by automatically converting them to PDF format. An admin-configurable, self-catered capability preserves the original version of the document. The file cleaning process takes only seconds to complete and the accompanying notification clearly educates the user on what has occurred.

Check Point Harmony for Education solution overview

Implementing effective cybersecurity has become more difficult with the frequency and sophistication of today's attacks. After years of adding yet one more point product to protect from the latest attacks, educational institutions find themselves managing multiple tools to protect students and stay compliant. This creates a significant and costly scenario.

For the last three decades, Check Point Software Technologies has set the standard for Cyber Security. Our mission is to secure your everything across all facets of education, from on-premises, remote e-learning and more across the ever-evolving digital world. We protect schools and educational environments from the most imminent cyber threats.

Through a robust, defense-in-depth architecture, that can be consumed as an all-encompassing or a-la-carte solution, Check Point Harmony for Education provides best of breed end user security solutions to keep students safe while enforcing compliance mandates.

Check Point Harmony for Education is managed through a unified security portal delivered as a service, the Check Point Infinity Management Portal.

The Harmony Product Suite

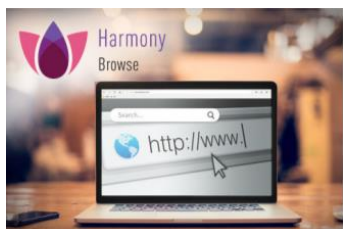
Harmony Endpoint – Complete Endpoint Protection for PCs, Servers, and Laptops

Complete security solution built to protect user PCs and laptops from today's complex threat landscape.

- Full Endpoint Protection from the most imminent threats such as ransomware, phishing, and malware
- Fastest recovery enables you to quickly minimize breach impact with autonomous prevention, detection and response



Harmony Browse – Secure Internet browsing and Threat Defense for Chromebooks



Enable a secure, fast, and private Internet browsing experience with the industry's first in-browser protection to inspect 100% of SSL traffic.

- Prevent malware downloads.
- Prevent phishing attacks and student/faculty credential reuse on non-trusted websites.
- Block access to websites deemed inappropriate.
- Simple Management: Harmony Browse is centrally managed through Check Point's Infinity Management portal and integrates with G Suite for simplified administration and deployment.

Harmony Email & Office – Secure student and faculty mailboxes and productivity apps

Complete protection for Office 365 and G Suite.

- Block sophisticated phishing attacks
- Block malicious attachments while providing safe & clean versions within seconds
- Prevent sensitive student data leakage (DLP).
- Gain visibility into shadow-it solutions utilized by student and faculty to identify gaps in your web enforcement.



Harmony Mobile – Secure Internet browsing and Threat Defense for iOS and Android tablets



Secure student and faculty tablets to ensure a safe browsing experience while keeping student data safe across all attack vectors.

- Comprehensive protection across applications, networks, OS & device vulnerabilities.
- Simple Management: Harmony Mobile fits perfectly into your existing mobile environment by deploying and scaling quickly through MDM integration.
- User Friendly: protects devices with no impact on user experience or privacy.

To see how Check Point Harmony for Education can help you meet your cybersecurity challenges, please contact your local Check Point Software representative or technology reseller.

Learn more: <https://www.checkpoint.com/industry/education/>